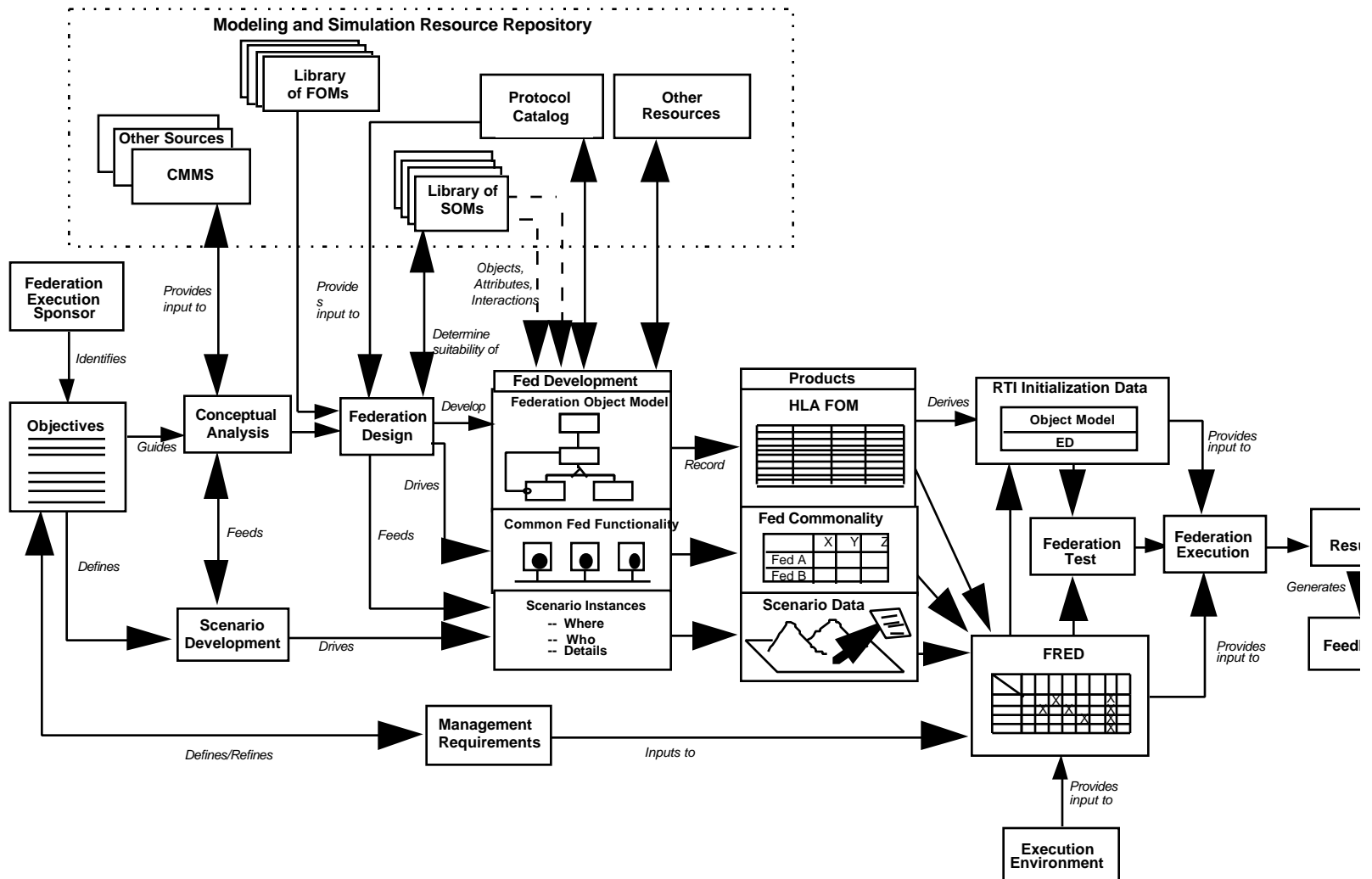# HLA FOM DEVELOPMENT TOOL DEMONSTRATION

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HLA FEDEP MODEL

Modeling and Simulation Resource Repository

Library of FOMs

Protocol Catalog

Other Resources

Other Sources

CMMS

Library of SOMs

Provides input to

Provides input to

Objects, Attributes, Interactions

Determine suitability of

Federation Execution Sponsor

Identifies

Objects

Guides

Defines

Conceptual Analysis

Feeds

Scenario Development

Drives

Federation Design

Develop

Drives

Feeds

Fed Development

Federation Object Model

Common Fed Functionality

Scenario Instances
-- Where
-- Who
-- Details

Record

Products

HLA FOM

Fed Commonality

	X	Y	Z
Fed A			
Fed B			

Scenario Data

Derives

RTI Initialization Data

Object Model

ED

Provides input to

Federation Test

Federation Execution

Res

Generates

Feed

FRED

Provides input to

Defines/Refines

Management Requirements

Inputs to

Provides input to

Execution Environment

PURPOSE

Develop an automated proof-of-principle prototype toolset for support of HLA FOM development.

- Demonstrate automated FOM creation/modification capabilities

- Demonstrate potential of automated tools for FOM development

- Stimulate thinking about the full range of potential automation opportunities for HLA